

19981202.qrp v01_n294.qrs.981202

Date: Wed, 2 Dec 1998 19:03:16 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1294

QRP-L Digest 1294

Topics covered in this issue include:

- 1) [26316] HW-2036 Manual ?
by wb8ygg@juno.com
- 2) [26317] SPRAT 97 with the Printer
by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
- 3) [26318] Re: [26251] MFJ Switching Power Supplies
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 4) [26319] N7IR CQ WW CW SOAB QRP
by Gary Hembree <gary.hembree@asu.edu>
- 5) [26320] Re: Feedline from basement ideas?
by ka7you@juno.com
- 6) [26321] Re: Handful of 10-turn pots available -- first come first serve!
by Rick Sealey <rsealey@InfoAve.Net>
- 7) [26322] 10 meters
by Wayne Alexander <walexan@ipa.net>
- 8) [26323] Re: Color codes
by "Radman" <radman@best.com>
- 9) [26324] Re: CQWW Report - a bit longwinded - hit delete!
by Peter Chow <pchow@cisco.com>
- 10) [26325] Re: Feedline from basement ideas?
by we6w@juno.com (Ed Loranger)
- 11) [26326] N0UR FOX
by Pete Burbank <plburbank@kih.net>
- 12) [26327] Chip details required
by "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
- 13) [26328] Re: Spectrum Analyzer is mine!
by Mike Dooley <msdooley@airmail.net>
- 14) [26329] Fox: Got another one!
by Shepherd@aol.com
- 15) [26330] Re: N0UR FOX
by "John J. McDonough" <jjmcd@tm.net>
- 16) [26331] Re: N0UR FOX
by Tom Palmer <n1tp@worldnet.att.net>
- 17) [26332] Where can I buy a pad cutter?
by nick caruso <nzc@mediaone.net>
- 18) [26333] Spectrum Analyzer is mine!
by "WILLIAM T. ROSE" <supertec@mail.myriad.net>
- 19) [26334] RE: CQC Swap List

- by "rfox" <rfox@greybeard.com>
- 20) [26335] FOX
by Bob Hightower <ki7mn@extremezone.com>
- 21) [26336] Dans December Specials are up!
by Jerry Parker <jparker@fix.net> (by way of Jerry Parker <jparker@fix.net>)
- 22) [26337] Help! Experience with Balloon as a skyhook?
by "Robert Armstrong" <barmstrong@sisna.com>
- 23) [26338] Homebrew Sprint this weekend
by camqrp@cyberg8t.com (Cam Hartford)
- 24) [26339] Re: NOUR FOX
by Conard Murray <ws4s@InfoAve.Net>
- 25) [26340] FOX: Thursday PM Fox Announcement from WS4S
by Conard Murray <ws4s@InfoAve.Net>
- 26) [26341] Re: FOX: Thursday PM Fox Announcement from WS4S
by "George T. Baker" <w5yr@swbell.net>
- 27) [26342] MN FOX TONIGHT
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 28) [26343] Fw: Color codes
by "Carlos J. Caro" <CJCARO@email.msn.com>
- 29) [26344] Re: N7IR CQ WW CW SOAB QRP
by Paul Erickson <paule@sfu.ca>
- 30) [26345] Re: Help! Experience with Balloon as a skyhook?
by frussle@erols.com (Jake Brodsky)
- 31) [26346] Re: FOX
by Monte Stark <ku7y@dri.edu>
- 32) [26347] Balloon skyhook
by tom whalen <whalen@swcp.com>
- 33) [26348] OOPS: Power measurement on 2 m and 70 cm with directional coupler?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 34) [26349] Re: Help! Experience with Balloon as a skyhook?
by Baranger1@aol.com
- 35) [26350] WHINE: WAS: Experience with Balloon as a skyhook?
by "Paul R. Valko" <prvalko@oakland.edu>
- 36) [26351] Balloon advice
by "Robert Armstrong" <barmstrong@sisna.com>
- 37) [26352] Re: FOX: Thursday PM Fox Announcement from WS4S
by Bruce Rattray <rattray@gpfn.sk.ca>
- 38) [26353] Re: Balloon Verticals
by w4pj@w4bkx.ampr.org
- 39) [26354] RFI: DMM
by K0RWC <rwc@frii.com>
- 40) [26355] Re: Feedline from basement ideas?
by K0RWC <rwc@frii.com>
- 41) [26356] Re: Help! Experience with Balloon as a skyhook?
by utahfolk@konnections.com
- 42) [26357] RE: RFI: DMM
by "L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529" <pilant@seesaw.ENET.dec.com>
- 43) [26358] N/T+ FOX Reminder!

- by applitech@mcg.net (Claton Cadmus)
- 44) [26359] Re: RFI: DMM
by Michael Melland <badger@vbe.com>
- 45) [26360] Re: Balloon Verticals
by "Walter Dufrain" <walter@inlink.com>
- 46) [26361] Cascade question
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 47) [26362] Re: Where can I buy a pad cutter?
by "Tony Fishpool" <g4wif@btinternet.com>
- 48) [26363] FOX:NOUR
by Bruce Rattray <rattray@gpfn.sk.ca>
- 49) [26364] Re: Power measurement on 2 m and 70 cm with directional coupler?
by Brad Bradfield <b_bradfield@yahoo.com>
- 50) [26365] AL7FS visits NJ gang ... see pics!
by "George Heron" <gheron@idt.net>
- 51) [26366] Fall QRPp in the Mail!!
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 52) [26367] Noise and CW signals
by "KEITH P. JOHNSON" <KeithJ@1800surveys.com>
- 53) [26368] Re: AL7FS visits NJ gang ... see pics!
by Ed Manuel <n5em@flash.net>
- 54) [26369] Disclaimers
by Jim Glover <psykey@okcforum.org>
- 55) [26370] Help: Drifting OHR-100
by Ed Loranger <we6w@qsl.net>
- 56) [26371] Re: Where can I buy a pad cutter?
by nick caruso <nzc@mediaone.net>
- 57) [26372] Disclaimers
by "Bryan Turner" <turnerw@email.uah.edu>
- 58) [26373] New Restructuring Proposal Filed with FCC
by Ed Manuel <n5em@flash.net>
- 59) [26374] Re: Disclaimers
by Ed Loranger <we6w@qsl.net>
- 60) [26375] Sample SPRATs & Application Forms
by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
- 61) [26376] Re: WHINE: WAS: Experience with Balloon as a skyhook?
by W7LS <w7ls@blarg.net>
- 62) [26377] Field Day QRP suggestions
by "Michael L. Miller, M.D." <millerm@merle.acns.nwu.edu>
- 63) [26378] Re: Help: Drifting OHR-100
by William-McShan@ouhsc.edu (Mike McShan)
- 64) [26379] Re: Spectrum Analyzer is mine!
by "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
- 65) [26380] G-QRP Membership Update
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 66) [26381] Sierra compatible mini RF PA
by John Evans - N0HJ <jaevans@codenet.net>
- 67) [26382] Balloon and Kite antenna's

- by tom whalen <whalen@swcp.com>
68) [26383] HTX-100 price?
by tom whalen <whalen@swcp.com>
69) [26384] Sprint this Sunday?
by tom whalen <whalen@swcp.com>
70) [26385] OHR-100 Drift/Spectrum Analyzer.
by Ed Loranger <we6w@qsl.net>
71) [26386] Re: On NE 602's
by William-McShan@ouhsc.edu (Mike McShan)
72) [26387] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
73) [26388] data book by Paul Harden
by k5ubs@juno.com (Oscar A Hoyt)
74) [26389] Re: Sierra compatible mini RF PA
by "Bob Kellogg" <ae4ic@nr.infi.net>
75) [26390] Disclaim & Ed Loranger
by Kathi Hilton <kathi2@earthlink.net>
76) [26391] FS Gherardi - 2 books: Radio Physics and "Modern" Radio Servicing
by "Bruce Barley" <lbbbarley@feist.com>
77) [26392] Re: Sample SPRATs & Application Forms
by "Tony Fishpool" <g4wif@btinternet.com>
78) [26393] Re: data book by Paul Harden
by mulveyr@mulveyr.roc.servtech.com
79) [26394] Trade WM-75 for NC-40A
by Jim Knopf <ki7q@yahoo.com>
80) [26395] FOX: Strange condx. NOUR
by Jim NOUR <n0ur@yahoo.com>

Date: Tue, 1 Dec 1998 19:04:06 -0500
From: wb8ygg@juno.com
To: qrp-l@lehigh.edu
Subject: [26316] HW-2036 Manual ?
Message-ID: <19981201.190407.3678.0.wb8ygg@juno.com>

Anyone out there in QRP land have a manual that I could borrow to copy?
73
Brad

"One of the TICK Guys"
Brad WB8YGG
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 1 Dec 1998 23:59:05 -0000
From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>
To: <QRP-L@lehigh.edu>
Subject: [26317] SPRAT 97 with the Printer
Message-ID: <001d01be1d89\$bb014420\$151d989e@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have just completed the Winter issue of SPRAT
Number 97 and sent it to the printer.
Publication date is between Christmas and New Year.

This issue contains:

THE JBS TRANSMITTER

A New Transmitter from GM3OXX
of ONER, FOX, and OXO fame
Simple and gives a full 5 watts out

SSB FILTER

A high frequency ladder filter for SSB

LDG BALUN UPDATE

Improving the LDG Tuner Balun
described by G3PDL
This makes the LDG tune "anything"

MB4 RECEIVER

A simple TRF receiver that pulls in the DX

IMPROVED DJ1ZB MINI ATU

The DJ1ZB mini-tuner with full bands 160-10m

A QUIET TUNER

Can you improve on the "Stockton" through-line
Wattmeter?
This circuit does.....

F5LVG DC RECEIVER

New version of an old favourite

DIPOLE SPACER
Simple and cheap

TENTEC PTO DRIVES
Improve those awful TenTec Drives

IAMBIC DF1KY KEYER
Making the DF1KY Keyer Iambic

G3FCK 18MHz TRANSMITTER
A simple idea for 18MHz

THE DDS3
A 40MHz DDS VFO - postcard sized
with band switching, memories etc....
all you expect from a modern DDS VFO
Ideal RF source for a homemade
multiband transceiver.

EPIPHYTE IN CHILE
Account of using an EP-2 in Chile

EMMA'S CHALLENGE
Former "Young Amateur of the Year"
sets us all a challenge

A.A.A.
The popular Antenna column by G8PG

QRP CALENDAR 99
QRP Events for 1999

COMMUNICATIONS & CONTESTS
News of Contests and events

plus.....
NOVICE NEWS - SSB COLUMN - MEMBER'S NEWS

IF YOU ARE NOT A MEMBER OF THE G QRP CLUB
.....YOU WILL MISS ALL OF THIS....

Send me your full postal address
for a sample copy and application form.

George Dobbs G3RJV
g3rjv@gqrp.demon.co.uk
The G QRP Club

"It is vain to do with more
what can be done with less"
William of Occum. 1290-1350

Date: Tue, 1 Dec 1998 16:33:18 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: watkins@socketis.net
Cc: qrp-l@Lehigh.EDU
Subject: [26318] Re: [26251] MFJ Switching Power Supplies
Message-ID: <199812020033.QAA19772@netcom9.netcom.com>

I have the Astron SS-18 which I'm using on my IC-706. Seems to work fine, although I'm mostly doing RTTY and Pactor.
73, doug

Date: Tue, 01 Dec 1998 17:36:54 -0700 (MST)
From: Gary Hembree <gary.hembree@asu.edu>
To: 3830@contesting.com, qrp-l@lehigh.edu
Subject: [26319] N7IR CQ WW CW SOAB QRP
Message-ID: <3.0.32.19981201173704.008fb210@imap4.asu.edu>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

CQ WORLD WIDE DX CONTEST -- 1998

Call: N7IR Country: United States
Mode: CW Category: Single Operator QRP

BAND	QSO	QSO PTS	PTS/QSO	ZONES	COUNTRIES
160	14	27	1.93	7	7
80	26	59	2.27	11	13
40	115	312	2.71	23	45
20	147	416	2.83	21	54
15	166	471	2.84	27	58
10	164	462	2.82	22	52

Totals 632 1747 2.76 111 229 => 593,980

All reports sent were 599 3, unless otherwise noted.

Equipment Description:

2 TenTec 546C Transceivers running 5 watts each
20/15/10 meters: Force 12 5BA at 73' and Force 12 C3S at 40'
40 meters: Force 12 EF240/230 at 84' and delta loop

80 meters: delta loop
160 meters: Shunt-fed 88' top-loaded vertical
486-120 running CT 9.10a

Club Affiliation: Central Arizona DX Association

Personal best in this contest! Most Q's, Z's and C's! Felt like I knew where to be most of the time to maximize the rate (slow as it was) and find the mults. Tried two radio S&P but it just made me crazy! Echo the sentiments from elsewhere: best all band conditions in my experience. Even 20 meters shaped up on Sunday afternoon with one of the best Russian/North Europe openings I've ever worked. I heard, but didn't work, a number of VK S&P stations at the same time: awesome! The low tribander and delta loop were a real asset for the close stuff.

See you in the 160 meter contest this weekend!

73

Gary, N7IR
DM43bi (aka NW Chandler, AZ USA)

Date: Tue, 01 Dec 1998 19:44:53 EST
From: ka7you@juno.com
To: Jeff.Logullo@Central.Sun.COM
Cc: qrp-1@Lehigh.EDU
Subject: [26320] Re: Feedline from basement ideas?
Message-ID: <19981201.165953.10311.2.ka7you@juno.com>

Jeff and others,

As long as the wall is wood or other insulating material, it would be OK to bore a minimum sized hole. But you can drill two very small holes and use threaded brass rod as the conductors. USE CAUTION WHEN DRILLING IN ANY WALL! THERE MAYU BE WIRING OR PLUMBING INSIDE!

I used 1/8 inch holes, and 4-40 threaded screw stock, but 6-32 or 8-32 might be easier to fine in some areas. I kept the original spacing fairly closely. You could also put a piece of small plastic tubing in the hole for insulation if you felt it was needed. Just drill a slightly larger hole and put the threaded rod through the tubing. Attach the balanced line with nuts and lock washers on both sides. The holes can be filled with putty later if need be.

It works great here.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

On Tue, 1 Dec 1998 13:49:18 -0600 (CST) "Jeff Logullo - SE Sun St. Louis"

<Jeff.Logullo@Central.Sun.COM> writes:

>My shack is in the basement; the wall faces the backyard, and a low
>deck

>adjoins the house at that point. I'm ready to drill through the side
>of the

>house above the concrete wall of the basement.

>

>I'd like to try balanced line, but have heard the line needs to be
>kept away

>from objects at least the distance between the two lines. So if the
>feedline

>measures 1" across, do I have to bore a 3" hole thru the house?

>

>Or am I worrying too much about it?

>

>I'd like to hear from anyone who runs balanced line through walls, up
>walls,

>etc. Losses from adjoining objects (wood, metal, etc.); ideas about
>holding

>balanced line in place as I make turns from the wall to antenna

>supports,

>etc. I'd like to hear from others before I start drilling.

>

>No, I don't have a window nearby... :-(

>

>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 01 Dec 1998 19:51:02 -0500

From: Rick Sealey <rsealey@InfoAve.Net>

To: qrp-l@lehigh.edu

Cc: w0mc@hotmail.com

Subject: [26321] Re: Handful of 10-turn pots available -- first come first serve!

Message-ID: <1.5.4.32.19981202005102.00ec0c64@mail.infoave.net>

MIME-version: 1.0

Content-type: text/plain; charset="us-ascii"

At 01:12 PM 12/1/98 -0700, you wrote:

>

>
>Wow, that was unbelievable!! They were all spoken for within a matter
>of minutes of my post. Thanks to everyone who participated in the group
>buy!
>
>72,
>Jerry
>WQMC
>
>

Thank you Jerry! This really helped a lot of us and we appreciate it!

Rick - W4SEA

Date: Tue, 01 Dec 1998 19:25:39 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@lehigh.edu
Subject: [26322] 10 meters
Message-ID: <199812020126.TAA12999@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was just wondering if any one heard the ZS6PW Beacon on 10 today? It was
about S5 in Missouri.

73,
KB0PTE
Wayne
FISTS # 4907
QRP-L # 1058

Date: Tue, 1 Dec 1998 18:01:39 -0800
From: "Radman" <radman@best.com>
To: <wb0poq@visi.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26323] Re: Color codes
Message-ID: <199812020149.RAA22141@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bob,

I'll look thru some of my old school notes. The trouble with some of these mnemonics is how do you remember the difference between "Bad" and "Booze?" (eg does bad = blue & booze = black.. or the other way 'round?) I believe this confusion could lead some students to misspent careers involving bad booze ;) Now, "ROY G BIV" has stayed with me all these years. But, how many times do you have to identify rainbow colors. I'll see what I can come up with :-)

vry 72 - Conrad - NN6CW

ps... the ex-military guys probably know some pretty funny ones :-)

> Hi gang,
> While not QRP per say, I thought you might like to help out: I teach a basic electronics lab class, and am looking to round up any and all resistor color code memory keys. Such as Bad Booze Rots Our Young Guts But Vodka Goes Well and so on. Any to offer? You will get full credit on the handout!
> Tnx es 72
>
> Bob 'POQ

Date: Tue, 1 Dec 1998 18:23:56 -0800 (PST)
From: Peter Chow <pchow@cisco.com>
To: qrp-1@lehigh.edu
Subject: [26324] Re: CQWW Report - a bit longwinded - hit delete!
Message-ID: <199812020223.SAA16841@pchow-ss20.cisco.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Same here. I got a kick out of this when I thought I worked BY2A instead of 6Y2A last year.

Interestingly enough, not too long after I worked 6Y2A, I worked 6V6U and thought it's BV6U! Good thing I sat there a bit longer to confirm it's a 6V.

72, Peter/N6YD

Date: Tue, 01 Dec 1998 21:22:29 EST
From: we6w@juno.com (Ed Loranger)
To: Jeff.Logullo@Central.Sun.COM
Cc: qrp-1@Lehigh.EDU
Subject: [26325] Re: Feedline from basement ideas?
Message-ID: <19981201.181441.7967.0.we6w@juno.com>

Jeff, It isn't the best, but I have my 300 Ohm twinlead pinched between two pieces of wood -- The wooden garage door and the frame of the garage. Hey, we rent here.

I hear a short run of two pieces of coax in parallel works good going thru metal objects. I think you only connect the braid on one end.

If I was running above 20 watts I'd research much deeper, but I never go above 5 watts so was never concerned with it. So if you QRO when no one is looking, you might want to research deeper than I did.

Hope this is helpful.
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 01 Dec 1998 21:34:33 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [26326] NOUR FOX
Message-ID: <3.0.32.19981201213337.006b1110@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow! Jim is rattling the S-meter at S-9 here in central Ky.
QRP????
Pete W4VCT 0230utc 7043

Date: Wed, 2 Dec 1998 15:37:34 +1300
From: "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [26327] Chip details required
Message-ID: <2A94A43A306ED2119A7C08002BE55A37072F21@KN_NTS4>
MIME-Version: 1.0
Content-Type: text/plain

Hi IM looking for details on the chip inside a 2 button Microsoft mouse
Thanks
Ross Grindrod
ZL3DC

Date: Tue, 01 Dec 1998 20:33:13 -0800
From: Mike Dooley <msdooley@airmail.net>
To: we6w@qsl.net
Cc: qrp-1@lehigh.edu
Subject: [26328] Re: Spectrum Analyzer is mine!
Message-ID: <3664C309.71A3@airmail.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>

> Hey gang, I got it! Went thru the Boss and it's all mine
> starting tomorrow when we sign the papers!

>

[snipped a bunch of hootin' and hollerin' and a sig]

Gosh, with all the hollerin' you'd think Ed had just gotten
something exciting for his shack like a Spectrum Analyzer or
something... ;-) Good goin' Ed!

Mike N5BGZ

Date: Tue, 1 Dec 1998 21:26:24 EST
From: Shephed@aol.com
To: qrp-1@lehigh.edu
Subject: [26329] Fox: Got another one!
Message-ID: <1388a69f.3664a550@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim, you had an absolute perfect signal into Ohio tonight, a little better than the 559 I gave you.
40 sounded great, not much noise and lots of hounds heard!

72, 73
Dan, N8IE
QRP-1 #1404
FISTS #4985

Date: Tue, 1 Dec 1998 21:52:35 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26330] Re: NOUR FOX
Message-ID: <199812020255.4567200@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> From: Pete Burbank <plburbank@kih.net>
>
> Wow! Jim is rattling the S-meter at S-9 here in central Ky.

donut hear a peep here in en73

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 01 Dec 1998 22:03:09 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26331] Re: NOUR FOX
Message-ID: <3664ADEC.3EF841C0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim's been a nice Q5 in Florida since 0245, but more like 549. Very rough conditions here in Florida this evening. Heavy long, slow QSB where Jim would disappear for 3 or 4 minutes at a time and then he'd come back up again and again with a nice Q5 signal. Heavy QRM and from time-to-time around 0145 what sounded like voice transmissions? Heard Jim work several of those pesky Texans (as always) plus a few in N.Y., N.J., VA., the Carolinas, MO., CA., AZ., and 1 from Alabama. He should have a FB total number of Qs because there have been few times where his calls went unanswered for long and he has been spending very little time on average per QSO. I'll be especially interested to see who else from Florida was able to get Jim's ear this evening under these poor conditions. Can seldom, if ever, hear other Florida QSOs. Bagged Jim around 0229Z. Best to all, Tom, N1TP, Naples

Pete Burbank wrote:

> Wow! Jim is rattling the S-meter at S-9 here in central Ky.
> QRP????
> Pete W4VCT 0230utc 7043

Date: Tue, 01 Dec 1998 22:17:17 -0500
From: nick caruso <nzc@mediaone.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26332] Where can I buy a pad cutter?
Message-ID: <3664B13D.15CC4674@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've been doing some dead-bug style construction and I'm just not happy with all the components sticking way up on spindly flimsy leads; I keep them short, but it still looks unreliable.

I've seen some construction done on unetched circuit board with isolated connection pads cut on the surface, and this seems much better to me. I tried doing this with a dremel tool, and while I made it work, it wasn't, um, pretty.

I understand there's a little compass-like thingee called a "pad cutter" that will scribe pads like this; but I've been unable to find anyplace that sells them.

Anyone know where I can buy one?

thanks and 72
nick caruso KB1DEJ

Date: Tue, 01 Dec 1998 22:23:56 -0600
From: "WILLIAM T. ROSE" <supertec@mail.myriad.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26333] Spectrum Analyzer is mine!
Message-ID: <3664C0DC.532B8B55@mail.myriad.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey gang, I got it! Went thru the Boss and it's all mine
starting tomorrow when we sign the papers!
(snip)

=====

To: WE6W
ED,
I figured it out and I must admit you is Slick. First you drive
Her
crazy with all the tones and noise and then you tell her that if
you had a visual indicater (spectrum analyzer) you won't need to
make all the
noise you can just look at the analyzer.... Smart Man! All the
Foxii are not on Forty Meters all the time!!!

KC5SCC Bill
"Deep in the Heart of Texas"

Date: Tue, 1 Dec 1998 19:30:49 -0800
From: "rfox" <rfox@greybeard.com>
To: <mgemm@mtechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26334] RE: CQC Swap List
Message-ID: <000101be1da4\$28329c00\$0401a8c0@rfox.dnai.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Actually, the page is located at <http://www.cqc.org/cqcswap.htm>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Marshall Emm
> Sent: Tuesday, December 01, 1998 7:59 AM
> To: Low Power Amateur Radio Discussion
> Subject: CQC Swap List

>

>

> There has been a problem with the web site submission form but it is
> now fixed. So if you would like to list something, go the the CQC
> Swaplist page at <http://www.CQC.org/swaplist.htm> and fill in the form,
> or send the details to me via e-mail. The list is also distributed by
> email, so just let me know if you would like to be put on the list.

>

>

> 73

> Marshall Emm

> N1FN/VK5FN

> n1fn@MorseX.com

> Morse Express

> "Everything for the Morse Enthusiast"

> <http://www.MorseX.com>

> (303)752-3382

> --

>

Date: Tue, 01 Dec 1998 20:41:07 +0000

From: Bob Hightower <ki7mn@extremezone.com>

To: qrp-1@lehigh.edu

Cc: lageson@worldnet.att.net

Subject: [26335] FOX

Message-ID: <199812020330.UAA23304@enterprise.extremezone.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Wow, Jim was booming in here most of the evening, then, at about 0330, he started dropping down in the mud. A couple of loud qso's close by didn't help, either. Finally got a shot at him at 0343, and i _think_ I caught him....heard him come back with my partial call, answered that with the exchange, heard him ask for my number, and answered that. Thought (hoped?) I heard his qsl, then on to the next one.

Sounded like he was doing FB all evening, tho. Hope he had a good one.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 01 Dec 1998 19:30:19 -0800
From: Jerry Parker <jparker@fix.net> (by way of Jerry Parker <jparker@fix.net>)
To: qrp-l@LeHigh.edu
Subject: [26336] Dans December Specials are up!
Message-ID: <2.2.32.19981202033019.00bc70e8@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Apparently my server chose to go off line for some time this morning.

It appears to be back on the internet now.

If you cannot get Dans page there try:

<http://www.concentric.net/~parker4/dans.html>

Thanks to those for the heads up...

72,,,Jerry....K

Dan has put up a super list of December Specials which even includes BNC connectors, including hardware at an unheard of LOW PRICE.

Check it out at: <http://www.fix.net/dans.html>

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Tue, 1 Dec 1998 21:10:27 -0600
From: "Robert Armstrong" <barmstrong@sisna.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26337] Help! Experience with Balloon as a skyhook?
Message-ID: <01be1da1\$4f7d3b60\$f8b4d2d1@barmstrong.sisna.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone had experience using a balloon to support an antenna?

I have a 4 foot diameter advertising balloon and some helium in a tank, but I'm not sure how to fill the balloon and how to seal it off after it's full. I'd like to reuse the balloon, so I don't want to tie it unless there is no other way.

Your comments/advice would be much appreciated.

de N7XJ, Bob in Utah

Date: Tue, 1 Dec 1998 20:14:04 -0800 (PST)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-1@lehigh.edu
Subject: [26338] Homebrew Sprint this weekend
Message-ID: <199812020414.UAA18237@trex.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Contesters and Builders -

Itching to give your latest creation a try-out?

Jump into the Holiday Spirits Homebrew Sprint this weekend.

And be sure to try the High Bands, they've been kicking up their heels lately.

Especially 10 Meters, where I'll be lurking with my Sierra and freshly-wound 10 Meter Module. It's just dying to collect some Qs on a new band.

See you there!

72/73,

Cam N6GA

QRP ARCI HOLIDAY SPIRITS HOMEBREW SPRINT Sponsored by
QRP ARC International. 2000 - 2400 Z, December 6, 1998. CW only.
Entries may be Single Band, All Band, High Band (20, 15, 10 or 6) or
Low Band (160, 80 and 40). Work stations once per band. Exchange
signal report, state/province/ country, and QRP ARCI number if member,
or power output if non-member. 1.830 3.560 3.710 7.040 7.110 14.060
21.060 21.110 28.060 28.110 50.060. QSO points: 5 points / QSO with
ARCI member, 2 points for non-members same continent, 4 points for
non-members different continent. Bonus points awarded for using homebrew
equipment, apply for each band on which homebrew equipment was used:
+2000 points for HB transmitter; +3000 points for HB receiver; +5000 for
HB transceiver. A piece of equipment is considered to be homebrew if you
built it. Final score is total of QSO points (all bands) multiplied by total of
states/provinces/countries (all bands) times power multiplier (> 5 W output, X1;
<5 W output, X 7; <1 W output, X 10; < 250 MW output, X 15), plus bonus
points. Include description of equipment and antennas used. Mail entries by
January 6, 1999 to QRP ARCI Contest Mgr, Cam Hartford, N6GA, 1959
Bridgeport Ave., Claremont CA 91711. Or send by e-mail to CamQRP@cyberg8t.com.

Date: Tue, 01 Dec 1998 22:14:11 -0600
From: Conard Murray <ws4s@InfoAve.Net>
To: plburbank@kih.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26339] Re: NOUR FOX
Message-ID: <007d01be1daa\$3828db00\$4f6274cc@pentagrid>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow.... I had a hard time hearing him during the first 45 minutes or so here
in Middle Tennessee. He came up after that to a reasonable S4 or so, but
certainly no 'rattle the meter' signal. The ether can sure be temperamental!
73.

Conard, WS4S

--

>Wow! Jim is rattling the S-meter at S-9 here in central Ky.

>QRP????

>Pete W4VCT 0230utc 7043

Date: Tue, 01 Dec 1998 22:32:10 -0600
From: Conard Murray <ws4s@InfoAve.Net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26340] FOX: Thursday PM Fox Announcement from WS4S
Message-ID: <00ec01be1dac\$bb12bb60\$4f6274cc@pentagrid>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

I will be the fox this Thursday evening (local US time) starting my run at 0300Z (Friday). I will be using a Kenwood TS-570D with the 270 Hz filter and a 5/4 wave wire antenna. I think I will start around 7042, but conditions may force me to choose elsewhere.

I will use my RIT to tune off of my transmit frequency as much as necessary to pick someone out of the pile. I will make a point to check 7040 for rockbound signals too.

Let's hope for good conditions!

73 de Conard, WS4S/NNNOUTN

R&D Engineer

Electrical and Computer Engineering Department

Tennessee Tech University

Cookeville, TN

QRP-L 993, Glowbugs Listowner

Date: Tue, 01 Dec 1998 22:55:33 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: ws4s@InfoAve.Net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26341] Re: FOX: Thursday PM Fox Announcement from WS4S
Message-ID: <3664C845.B98DABB3@swbell.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Conard, thank you, thank you, thank you for including your location!
Impossible to tell where a fellow is located these days just from the
call sign. Now I know which way to point my vertical Thursday night!

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Wed, 2 Dec 1998 00:03:39 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: Jim NOUR <n0ur@yahoo.com>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [26342] MN FOX TONIGHT
Message-ID: <199812020007_MC2-6224-FECC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Jim:

Well many thanks for digging me out of the pileup tonight. You started
out maybe 569/579....then suddenly dipped about 25 minutes into the
hunt. I thought, wow mother 40 is doing it again.

But then you jumped *WAY+ up--to a genuine 599 during our QSO. Wow....I
am sure grateful for this great propagation.

Setup = OHR-100A at 5 watts to the Inverted WYE suspended with a 33'
collapsible mast from Germany via KANGA. All battery powered, even the
tiny Whiterook MK-88.

Getting tougher to set all this up, but getting the FOX bagged is well
worth it :-). This was 14 of 17 for me.

Good luck for the future. And be sure to hunt me as FOX on 24 Dec 98
(actually 0100-0300) UTC on Christmas Day. Thanks for a great run.

72/73,
--Doc Lindsey/K0EVZ

DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Tue, 1 Dec 1998 05:13:02 -0700
From: "Carlos J. Caro" <CJCARO@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26343] Fw: Color codes
Message-ID: <011801be1d24\$04e50a60\$74bc2499@default>

At the risk of offending some, I would include:
Bad Boys Rape Our Young Girls But Violet Gives Willingly.

When I was teaching electronics, I had about a dozen of each five percent tolerance values from ten Ohms to ten MegOhms, 1/4 Watts all mixed up in a pile. The student then sat down and sorted them all by value. Found they didn't need any cute jingles.
Never failed as long as the person was not color blind. Found a couple that were.

Regards, Carlos #1333

Date: Tue, 1 Dec 1998 21:31:15 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: gary.hembree@asu.edu
Cc: qrp-1@lehigh.edu (qrp)
Subject: [26344] Re: N7IR CQ WW CW SOAB QRP
Message-ID: <199812020531.VAA20661@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gary,

Bravo!!! Very well done. I also know how much better your performance was than mine, because I know you didn't have the wealth of 2 pt US stations to draw from that I did.

Some time, if you wouldn't mind, I would really appreciate being able to talk tactics with you. I know our geographical locations will have a major impact etc., but I could use the insights of other qrp contesters.

cheers, Paul VE7CQK/email: paule@fraser.sfu.ca

Date: Wed, 02 Dec 1998 05:35:49 GMT
From: frussle@erols.com (Jake Brodsky)
To: barmstrong@sisna.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26345] Re: Help! Experience with Balloon as a skyhook?
Message-ID: <3672cbd7.11051101@smtp.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Tue, 1 Dec 1998 21:10:27 -0600, you wrote:

>Has anyone had experience using a balloon to support an antenna?
>
>I have a 4 foot diameter advertising balloon and some helium in a tank, =
but
>I'm not sure how to fill the balloon and how to seal it off after it's =
full.
>I'd like to reuse the balloon, so I don't want to tie it unless there is=
no
>other way.
>
>Your comments/advice would be much appreciated.

I have. I have used surplus 8' weather balloons. I had a full sized helium tank (the long cylinder size commonly used by welders) with enough cubic feet of helium to easily fill two of these balloons (and some left over just in case).

I don't recommend the surplus balloons because they often are quite fragile. In addition, they're not really designed to be tethered.

I filled it with a conventional latex balloon nozzle. It took a while, but it worked. We didn't reuse the antennas, though.

Another suggestion: assuming you're in the USA, read Part 105 of the =46AA regulations (relax, it's only a few pages and it's easy to

understand). Your situation is probably covered by these regulations. Yes, I know, this sounds like the usual cautionary drive1, but I'm very serious about this one.

The FAA inspectors and "court" system are best avoided at all costs because once they get hold of someone they suspect may be guilty, they will suck that person dry --regardless of guilt, innocence, or circumstance. You can't appeal the FAA court system the way you might in most other courts of law here in the US. There are very few checks, and no balance whatsoever. If you know what's good for you, stay the hell out of their way. I speak from experience as a private pilot who has seen the results of their handiwork. I'm amazed they can get away with it time and time again.

=46inally, if you have even a mild breeze, I recommend providing a DC ground to bleed of the static charge. This can be as simple as a high value resistor (50K) or an RF choke. =20

Good Luck!

Jake Brodsky, <mailto:frussle@erols.com>

"Nearly fifty percent of all graduates came from=20 the bottom half of the class."

Date: Tue, 1 Dec 1998 21:57:35 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [26346] Re: FOX
Message-ID: <Pine.SOL.3.96.981201215146.18295B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good job Jim,

You started off about S4 here tonight. Then you slipped almost into the noise.

Had a phone call and after that you were still down. I tried calling but would up making more QRM than anything else.

Went out and fed amd watered the cows. Getting cold here! Carol came home from work.

Sig's still way down....

Chatted with Carol.

Back to the shack.... called and thought you came back to me but no.... just made more QRM! Did that again soon!

But then after you moved you called CQ.... I moved down about 700 hz and fired off a shot.....heard '7Y?' and sent my call again.....bingo, you got it and with a fill for my state we had it.....

Thanks for the pelt and all the hard work. Sorry for the few QRMing calls! Gotta learn to just hush up when the ole' Fox is too weak!

Again, the hounds were doing a good job. (Not counting me!)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 01 Dec 1998 23:35:19 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26347] Balloon skyhook
Message-ID: <3664DFA7.7208@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP-Ler's!

I tried the balloon skyhook, and had a ball doing it!

The first time we tried it I was big into 160 meters. Typical antenna then was an 8' center loaded antenna with a 22' dia top hat. The coil was made out of 1/4 inch copper tubing. The whole thing was elevated on my tower with 3- 1/4 wave radials. Worked like a bomb, but also had a homebrew 4-1000A behind it! Yes, I used to be QRO, but have since grown up now...HA..don't ask the xyl what she thinks about me growing up, cuz you'll get a different answer!

Getting back to the subject at hand....My neighbor AA5B Bruce and I decided to work a contest on 160m with a balloon antenna. Went to a party shop and bought 2 ea. 4' dia balloon for 10 bux, and rented a tank of helium for 100 bux(25 for the gas and 75 bux for the deposit...not bad).

First antenna was a 5/8 wave vertical with 4-1/4 wave radials on the ground. Fed thru a tuner, this antenna worked quite well, although we heard every AM broadcast station in town...Another reason to use a low slung dipole for the rec antenna, which we did use.

This antenna worked pretty fair, but being the adventurous type, just had to do some more experimenting. We decided to try a half wave next, and it seemed to work better than the 5/8 antenna. We put the half wave up early in the evening while it was still light out....BIG MISTAKE...Darn neighborhood kid shot it down with a BB gun! Never did find the lil rug rat either. OH Well, had another balloon and enough gas for another skyhook..

Third antenna we tried was a simple 1/4 wave ground mounted vert...I think that this antenna was the best overall, at least while it lasted. Sunday morning we got on early to work some JA's...gray line thing. Worked quite a few on 160, and was having a great time! WHAT NOW?

The darn receiver got real quiet...HUMMMMM...Went outside and no balloon....darn kids with there BB guns again...HUMMM...No, not this time...The wind came up and broke the #22 wire and last we saw, our last balloon was about to crest a 10,000 ft mountain that was 3 miles to the east of the qth!...00PPSSSS...Real fun while it lasted!

Now, back to my HW-8 and short, ground mounted vertical...AHHHHHH,life is good!!

72, Tom WB5QYT

Date: Wed, 02 Dec 1998 06:58:03 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [26348] OOPS: Power measurement on 2 m and 70 cm with directional coupler?
Message-ID: <3664E4FB.6C14@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Arjen Raateland wrote:

> Diamond markets an SWR/Power meter type SX-400 with one single

> directional coupler for use on both 144 and 430 MHz that has no
> frequency band switch.
>
> Directional couplers of the type commonly used on VHF and UHF with three
> parallel transmission lines (or two links next to a transmission line if
> you like), are very dependent on frequency. If the coupling factor is
> -20 dB on 2 m it is more like -30 dB on 70 cm.

Of course these numbers should have been the other way around:
If the coupling factor is -30 dB on 2 m it is more like -20 dB on 70 cm.

And my problem concerns the POWER measurement function on different
frequencies when there is no apparent compensation for the difference in
sensitivity of the coupler. SWR measurement is clear as it requires only
relative values of forward and reflected power.

TIA,

--

Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Wed, 2 Dec 1998 00:14:41 EST
From: Baranger1@aol.com
To: qrp-1@Lehigh.EDU
Subject: [26349] Re: Help! Experience with Balloon as a skyhook?
Message-ID: <239e797b.3664ccc1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Man sounds like a adventure I would love to try. A 400 foot long(or longer,I
dont know what the norm is) wire aloft by balloon.
Please keep the group wise to what you wind up doing.
I wish my rig was on the long end of that idea..... Good WX of
course.
Bill W9WCR

Date: Wed, 2 Dec 1998 06:53:47 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>

To: Robert Armstrong <barmstrong@sisna.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26350] WHINE: WAS: Experience with Balloon as a skyhook?
Message-ID: <Pine.OSF.3.95.981202062540.7049C-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My once-a-year rant on this subject, please indulge me...

On Tue, 1 Dec 1998, Robert Armstrong wrote:
> Has anyone had experience using a balloon to support an antenna?

Balloon and kite supported antenna are REALLY REALLY foolish ways to get a wire in the air.

I admit it's a pet peeve of mine. Others disagree because it's a long-shot, or course, many people feel seatbelts are unnecesary because accidents are improbable. You can read accounts of some of those folks' last moments on earth in the Monday newspapers.

All I imagine is a child seeing a colorful kite or balloon in a high tension wire and a convenient WIRE dangling down to help them pull it free so that they may play with it.

It oughta raise a hair on your neck, too.

One reason we don't read more of this type of thing happening is because MOST of us are taught from childhood NOT to use wire line to fly kites (or balloons).

73! =paul= W8KC (Member - American Kiteflyers Association)
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 2 Dec 1998 06:25:04 -0600
From: "Robert Armstrong" <barmstrong@sisna.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26351] Balloon advice
Message-ID: <01be1dee\$ca4209a0\$e5b4d2d1@barmstrong.sisna.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for all the comments on ballons as skyhooks.

I received warnings about:

1. kids with BB guns
2. corona
3. wx/ static discharge/ grounding
4. FAA
5. Irate neighbors
6. Powerlines
7. FAA
8. FAA

No one said anything about danger to sea turtles (seriously!) but I am aware of this.

I don't know if wx will permit use of a balloon at all. I'll report what happens.

I will be VERY far from powerlines/ neighbors/ airports and won't send it very high.

72 de N7XJ, Bob in Utah

Date: Wed, 2 Dec 1998 07:53:25 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "George T. Baker" <w5yr@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26352] Re: FOX: Thursday PM Fox Announcement from WS4S
Message-ID: <Pine.LNX.3.95.981202074748.13066C-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...thank you, thank you, thank u George!....I read your e-mail especially the part about pointing your vertical antenna at the foxii.....I'm embarrassed as I've suddenly realized that I've been installing vertical antennas in the incorrect manner.....here I thought they should be at right angles to the ground when all along they should be parallel to the ground....why?....so one can point them in the direction of the foxii!!.... of course....it's all so simple....I can't thank you enough George!....hang on.....what's that nurse?....oh....sorry George...gotta go ...time for my meds or something..... hee,hee....it's going to be a great

Christmas here at the lodge... ;-))

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club "QRP! How sweet it is!"

Date: Wed, 02 Dec 1998 09:11:00 EST
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [26353] Re: Balloon Verticals
Message-ID: <36369@w4bkx.ampr.org>

Tom, WB5QYT writes: "wind came up and broke the 22 ga. wire..."
Use a tether of sufficient strength and fasten the antenna wire to
the tether at an appropriate place. Then the tether may be at an angle
due to the wind and the antenna can still be straight up/down "vertical".
Same with Kites (or Airfoils). Ask Bob N4BP (our Dry Tortugas monsoon and
Gale Force adventure) for details <Hah!>.

de Scott / W4PJ

Date: Wed, 02 Dec 1998 07:20:50 -0700
From: KORWC <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26354] RFI: DMM
Message-ID: <3.0.5.32.19981202072050.00827660@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks:

It's time for me to finally by a DMM.

My Simpson 260 has servered me well since the mid 60's but it's 0 - 2.5
volt range is just not low enough for many things anymore. It's time to
retire the 260 to inline current readings and other simpler tasks.

So--what do I look for. I've seen some nice lookin' HP & Fluke units for
about \$100. I want AC/DC Volts, Ohms & DC Amps at a minimum. And I'll pay a
few bucks for something good. [Buy quality once, ala the 260, buy a bargain
several times over.] Your thoughts, brand, features, specs, where to buy?

72/3 KORWC
Rod Cerkoney, QRP-L #1764.

Fort Collins, CO
da di dah

Date: Wed, 02 Dec 1998 07:39:15 -0700
From: KORWC <rwc@frii.com>
To: Jeff.Logullo@Central.Sun.COM, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [26355] Re: Feedline from basement ideas?
Message-ID: <3.0.5.32.19981202073915.0081de60@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:49 PM 12/1/98 -0600, you wrote:

>My shack is in the basement; the wall faces the backyard, and a low deck
>adjoins the house at that point. I'm ready to drill through the side of the
>house above the concrete wall of the basement.

>

>I'd like to try balanced line, but have heard the line needs to be kept away
>from objects at least the distance between the two lines. So if the feedline
>measures 1" across, do I have to bore a 3" hole thru the house?

>

I drilled a 1.5" hole through the in the 2x8 header just above the concrete.
On the outside of the house I mounted on of those gray plastic boxes used
for electrical feeds. It is "L" shape so water won't like in, a I stuffed
it with fiberglass to keep out the cold & little critters. It also has a
removable front plate to facilitate wire pulling.

I have two RG8X coaxes, a ground lead and a run of 300ohm twinlead running
through this box. Everything seems to work fine. The twinlead feeds a
random length dipole, which is mounted under the eaves of my house, [CC&R
stealth mount ;-)]. I ran a 5watt 10M beacon experiment this past weekend
using this setup. Got reports from AL, CONN, FLA, NJ & NY. I guess my
method works!

72/3 KORWC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Tue, 01 Dec 1998 23:40:49 -0800
From: utahfolk@konnections.com

To: barmstrong@sisna.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26356] Re: Help! Experience with Balloon as a skyhook?
Message-ID: <3664EF01.64AC@konnections.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OKays Sir, I kin hep yuh ... first ya blows up da balloon my mouth tuh
git da rubber ready for the reel stuff ... so huff and puff. Lit da
ayre out den fills with duh heeleeum and keep it goin untills yer heels
liff offda ground, quick grab da ant wirr in da other hand and HOLD ON!
.... this brought to you by PRACTICKLE SOLUSHUNS, Inc. de w Prez!

Robert Armstrong wrote:

>
> Has anyone had experience using a balloon to support an antenna?
>
> I have a 4 foot diameter advertising balloon and some helium in a tank, but
> I'm not sure how to fill the balloon and how to seal it off after it's full.
> I'd like to reuse the balloon, so I don't want to tie it unless there is no
> other way.
>
> Your comments/advice would be much appreciated.
>
> de N7XJ, Bob in Utah

Date: Wed, 2 Dec 98 10:14:35 EST
From: "L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529" <pilant@seesaw.ENET.dec.com>
To: qrp-1@lehigh.edu
Cc: pilant@seesaw.ENET.dec.com, rwc@frii.com
Subject: [26357] RE: RFI: DMM
Message-ID: <9812021514.AA20285@us2rmc.zko.dec.com>

Rod, I can VERY HIGHLY recommend the Fluke 77; it seems to run about \$150.00
or so these days. I have one of the first ones, which I got new about 10
years ago, and it has survived all manner of abuse.

I have done all the usual: excess voltage (about 300VDC) on the Ohms range,
over current on the amperage ranges, and my latest: over 1500VAC on the AC
range (with a max of 700VAC). The only things to happen were I popped the
fuses guarding the current ranges and I opened the fusible 1K resistor on

the input with the excess AC.

All of these were relatively easily fixed. The fuses were a little hard to find because they are odd-ball sizes and ratings. The hardest was the fusible resistor, but it is available.

I also have a Wavetek 27XT, which didn't cost all that much less, and I'm not sure it would have survived what I put my Fluke through. Although it is a good meter, complete with capacitance, inductance and frequency ranges. (I bought it for taking to ham fests and flea markets.)

Oh yes, through all the abuse I have piled on it, the Fluke still meets the original calibration specifications. (I took it over to our cal lab and checked it out not too long ago.)

If the 77 is too much money, there are several others in the 70 series for less. (If memory serves me correctly, the 75 is really the 77 without the Touch and Hold feature; which I have never used.) They even show up occasionally on the used equipment market.

BTW, some of my other meters I use for various purposes are a Simpson 260, Fluke 8375, HP 400F, 410C, and 3400A; plus the Fluke 77 and Wavetek 27XT. I've tried to reduce the number of meters I have, but each one has one or more unique features, that I use, so I keep them all :-). Not a real big problem since I'm a devoted test equipment junkie :-).

As for where to buy, probably the easiest place is Tech America, although I most of the component suppliers (DigiKey, Mouser, MCM, Allied, Newark, etc.) also handle test equipment. You can usually find information on their web pages.

One last thing, I believe the current Fluke 70 series all carry a lifetime warranty. Mine only had a three year warranty, long ago expired.

73

- Mark N1VQW

Date: Wed, 2 Dec 1998 08:29:52 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [26358] N/T+ FOX Reminder!
Message-ID: <014901be1e08\$a688afe0\$a10a5e2c@groucho>

I'm one of the N/T+ Foxes tonight, please move up to the novice section and go hunting. Look for me this evening at 18:00 to 20:00 CST (12:00 to 2:00

next day UTC). Will start out around 7.108 MHz. I'm overlapping Jeff KF4JSV who will be on as well. (I want some time to catch him myself) See my previous message for further details.

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Wed, 02 Dec 1998 09:30:16 -0600

From: Michael Melland <badger@vbe.com>

To: rwc@frii.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [26359] Re: RFI: DMM

Message-ID: <36655D08.178A@vbe.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I have a Fluke 73 and I love it. Took it in after a year of hard use to get it certified again and it didn't need ANY adjustment. Still in spec and after at least one fairly high drop <grin>.

73

--

Michael Melland, KB9QHU

Winneconne, Wisconsin, USA

FISTS #4387, 10-10 #69281, QRP-L #1656

CW, SSB, and Electronics

List Administrator: grundig@qth.net

<http://www.vbe.com/~badger>

<http://www.qsl.net/kb9qhu>

Date: Wed, 2 Dec 1998 09:57:10 -0600

From: "Walter Dufrain" <walter@inlink.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [26360] Re: Balloon Verticals

Message-ID: <00b601be1e0c\$6ea99180\$746ac4ce@nexar>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi All, the balloons are great antenna supports, but for the most part, I prefer to use kites. Seems like the wind here in Missouri does not calm down enough to enjoy ballooning the antenna.

So using Delta kites, one at 200 ft and tethered to another at 300 ft (which has the control line) putting up inverted vees is a fast fix to portable skyhooks. Also this entire package fits into a "carry in the car trunk" antenna system. The Delta kites are trimmed to fly close to overhead and the inverted vee ends are attached to nylon rope to allow the entire height of the antenna to be adjusted above ground. The 160 mtr inverted vee is made of #24 awg clear speaker wire and fed with 300 ohm twinlead. This combination is very wind worthy, lightweight, and the speaker wire does not get tangled up as bad as magnet wire and some sized of THHN wire when putting up and taking down the antenna. This antenna is then attached to a grounded tuner and it is a great all band combo.

The safety factor of having the highest kite on the control line, so you are not limited to just the antenna as a control line and the dual kites seem to even out the wind's pull. Be sure to wear gloves as the Delta kites have a lot pulling power, be prepared for 200 - 300 pounds of pull, depending on the wind speed, so the ground spikes for the antenna ends and control line need to be very hefty. Now, for the extra safety measure, have a pair of side cutters (dikes) that are attached to a wire that is attached to a ground spike. This is a quick dis-connect affair for high winds and thunder storms that may sneak up on you. Thunder storms can be a long way from you and still create a considerable charge on this airborne antenna. (The static ground cannot always take care of the surge static charges.)

As pointed out, SAFETY is the first word and the FAA is not a group of folks that you want to investigate your operations. So knowing the flight patterns and airport distances is a must before putting up this nylon skyhook.

73 and Happy Skyhooks,

Walter Dufrain, AG5P

Wright City, Missouri

Date: Wed, 2 Dec 1998 11:16:13 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [26361] Cascade question
Message-ID: <v03102801b28b0a1b3d14@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hit the "Delete" key now if you have no interest in a Cascade.

I am building a Cascade that I recently got from a list member. It is keeping me off the streets at night and is going together fine. I will be boiling the VFO coil tonight before the wife gets home. <g>

I have one question concerning the BFO output. The manual says the BFO output should be 600mV PP. Measuring mine on a 'scope, I have 270mV PP. Is this a problem that needs to be taken care of now, or is there enough "play" in following stages that this is not really a problem. All parts are being checked on a B+K digital LCR meter before soldering and everything so far is in tolerance. Could this lower than expected output be due to a soft 2N4416?

Thanks in advance,

Rick kf4ar

Date: Wed, 2 Dec 1998 11:00:06 -0000
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "QRP-l" <qrp-l@lehigh.edu>
Subject: [26362] Re: Where can I buy a pad cutter?

Message-ID: <E0zlFCD-00069b-00@rhenium.btinternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nick & the group,
I use a modified wood drill. It's the type that has a central point and two cutting edges either side, To make it easy to twirl, I ground one of the cutting edges off. After drilling a small pilot hole (which the component may pass through) you twirl the drill until a pad is formed. It's so quick to build up circuits this way. The idea was originated by G4FQQ and appeared in Sprat issue 74 - Spring 1993.

Kind regards
Tony - G4WIF

> From: nick caruso <nzc@mediaone.net>
> Subject: Where can I buy a pad cutter?.....

Date: Wed, 2 Dec 1998 10:43:25 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [26363] FOX:N0UR
Message-ID: <Pine.LNX.3.95.981202103334.32654A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...well another fox hunt and another variation of Mother Propagation...HI
HI...fascinating stuff this propagation...Jim's signal was about a 229
here with some slow qsb and the usual qrm...this all during approximately
the first 45 minutes or so...a few signals heard were W5HNS, K5LN, AF5Z,
VE6EWM (strong), K5OI, K5JHP, W7SSM, AB0GO, WS8D, VE3JC, N9DD and the
BOOMER signal of the night was K7TQ....speaking of propagation back a bit,
I understand one of the reasons for the fox hunts is to learn about 40 mtr
propagation....well with the hunts going on for some years now, I'm
wondering if someone has been keeping track of the propagation and if so
would he/she like to post a summary of what has been learned?...or maybe
it's a case of as individuals we, over time, develop a sense of 40 mtr
propagation?...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club "QRP! How sweet it is!"

Date: Wed, 02 Dec 1998 11:50:22 -0800
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Arjen.Raateland@vyh.fi, qrp-l@lehigh.edu
Subject: [26364] Re: Power measurement on 2 m and 70 cm with directional coupler?
Message-ID: <366599FE.64EF@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good morning Arjen and the group - -

If you're only measuring "SWR", you don't really care what the coupling factor is as long as both forward and reflected legs are "the same." For absolute power readings though, you do need to take into account what the coupling is. I assume that what they've done is designed a coupler that is flat enough from 144 to 440 MHz to allow for reasonably accurate power measurements. My best recollection is that a coupler can be designed to be flat across maybe an octave or so. Since 144 to 440 MHz is somewhat over an octave, they probably hit a happy medium somewhere in between, or compensated for the greater coupling at 144 MHz, by rolling the power response off a bit on the low end.

72's es 73's,

Brad, W5CGH
(ex WB0CGH)

Date: Wed, 2 Dec 1998 11:55:52 -0500
From: "George Heron" <gheron@idt.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [26365] AL7FS visits NJ gang ... see pics!
Message-ID: <002f01be1e15\$eb8dae30\$2d3d9892@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I wanted to mention that Jim Larsen, AL7FS is doing a business trip to his company's home office here in Jersey this week and a handful of us NJ-QRPers

were able to get together with Jim last night over dinner.

We had a ball! Gabbing, checking out some projects we brought along (2.4GHz antenna, MicroBeacon, 9850 DDS VFO, Rainbow Antenna Analyzer), etc. You can see some of the pics on our website:

<http://www.njqrp.org/meetings/larsen120198/> Interesting to put faces on some of the calls, if you haven't already done so!

Thanks a lot for the mini-visit, Jim! It was great seeing you and exposing you to a little taste of Jersey QRP hospitality ;-)

72/73,

--George Heron, N2APB

n2apb@amsat.org in Sparta, NJ

<http://www.njqrp.org> <-- Home of the NJ-QRP Club

Date: Wed, 2 Dec 1998 09:23:58 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [26366] Fall QRPP in the Mail!!
Message-ID: <01be1e18\$8c447e60\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The fall issue of QRPP is in the mail. Half of the issues were mailed late Monday/early Tuesday and the other half will hit the mail today. The DX will be mailed by Friday. Thanks for your patience and understanding. Paul has done some very special extra work with this issue, which I will not spoil the surprise by announcing. But it did take special handling, and time. Normally, QRPP is produced entirely in house, but this issue had to be sent out to a bindery. When you do that, you must work into their schedule. While we think QRPP is a "huge" endeavor, in the world of printing and binding, it is a very small job, and thus is subject to being pushed to the side when a larger, more profitable order comes in. That is the way the system works. We suffered two different delays, one which I caused by having Paul come to Pacificon a day early to work on the Pacificon Compendiums, and the other when we were bumped by a much larger order. But this is a hobby publication, done by volunteers, and we do have a Spring, Summer, Fall and Winter publication date, and Winter doesn't arrive until Dec. 21st, so, we made it on time. (Sounds like I'm explaining this to my wife).

The Fall Issue is devoted entirely to the Elmer 101 series, which is basically a tutorial on how to build the Small Wonder Labs 40+ QRP Transceiver. It not only gives directions, but explains why the designer did what he did. It is built section by section, and includes plenty of tests to make sure that when you finish, your radio will work. The work originally appeared here on QRP-L, but I wanted to put it all together in one place with printed versions of all of the wonderful diagrams done by Glen Leinweber.

I hope you enjoy this issue. 72, Doug, KI6DS

Shameless info: To subscribe to QRPP, send \$15 US, \$20 DX to Jim Cates, 3241 Eastwood Rd., Sacramento, CA 95821. Make checks or money orders to Jim Cates, NOT NorCal.

Date: Wed, 2 Dec 1998 12:32:08 -0500
From: "KEITH P. JOHNSON" <KeithJ@1800surveys.com>
To: "'QRP-L@LeHigh.edu'" <QRP-L@LeHigh.edu>
Subject: [26367] Noise and CW signals
Message-ID: <4FA0968CF63CD211BB4A00A0C9D616A11E3F4C@MAIL>
MIME-Version: 1.0
Content-Type: text/plain

Hello everyone,

I was experimenting again, this time with the BFO in the QRP receiver rather than the crystal filter set. My crystal set right now is composed of 4 crystals in series, each designated as "12 Mhz" on the schematic and the components agree. I have NO capacitors installed with the crystals so I hear "everything" such as super low CW tones and super high CW tones on 40 meters both above and below the BFO signal. I like that. Anyway, after receiving some responses to my previous "technical question" I sat down at midnight and looked for the BFO circuit. What I thought was a little, cylindrical capacitor strapped to the circuit board was actually the BFO crystal. I stuck my finger on the nearby components and heard the pitch of the CW signals change. Hmmm. The pitch went UP. I found that one capacitor was of fixed value and directly in the circuit of the BFO. I grabbed a small capacitor and placed it across the existing capacitor and the CW signals wen "way up" in pitch. Interesting. They moved AWAY from the BFO signal thus they went "up" in pitch and stayed on the "good" side of the bfo signal (I

have not determined if the "good" side is above or below the BFO frequency at this point in time). As a matter of fact they probably went up in pitch about 1 khz (maybe).

But here is the result, which I found amazing.

All of the rather considerable static noise that seemed to be hiding the CW signals, to quite an extent, changed to tiny crackling noises that were not bothersome at all. But the CW signals were VERY clear and came RIGHT OUT, clear as a bell, just changed higher in pitch. I heard some DX very clearly. Amazing. I am having a hard time understanding what makes such a significant change. I can only conclude that the static crashes we changed so high in pitch that they went above my hearing range and thus turned to tiny crackling sounds and since the CW was still within hearing range it "came right out of the noise". I could not get over the difference and I stayed up till 1:40 AM experimenting with different capacitors to alter the pitches of the CW notes and wonder where the static went.

So the questions are: What exactly is all the static crashing I hear on the band? What frequencies are generated by the sources? If I hear them am I listening to the static source frequencies or combinations of HIGHER frequencies mixing? In other words WHY does changing the BFO seem to separate the CW and static crashing? This was such an eye opener that I felt like taping the sound difference so I would not have to sit there holding a capacitor to the bottom of the circuit board.

Another possibility is that the capacitor REMOVED low frequencies to such an extent that the static crashes were almost totally eliminated. I would think that if the CW notes I heard went up in pitch then the static should have gone up in pitch.

What a puzzle! I was playing with the BFO to try to answer a question I had. I ended up with a more interesting question and no solution to the first question!

Keith KB8FE
Medina, Ohio
KeithJ@1800surveys.com

Date: Wed, 02 Dec 1998 11:37:16 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [26368] Re: AL7FS visits NJ gang ... see pics!

Message-ID: <3.0.5.32.19981202113716.008e8c60@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:55 AM 12/2/98 -0500, you wrote:

>Hi all,

>

>I wanted to mention that Jim Larsen, AL7FS is doing a business trip to his
>company's home office here in Jersey this week and a handful of us NJ-QRPers
>were able to get together with Jim last night over dinner.

>

I don't believe a word of it. Check out the first picture. Says
"Lone*Star" and there is a map of Texas in the background. And I wasn't
invited!

Ed, N5EM
in the state of Texas (and that IS a state of mind).
Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Wed, 2 Dec 1998 11:52:12 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Cc: we6w@qsl.net
Subject: [26369] Disclaimers
Message-ID: <199812021752.LAA11617@okcforum.org>
Content-Type: text

Ed, WE6W made the following observation:

> ** Note:In messages supporting the purchase of a SGC radio, and
> not mentioning any other alternatives, I have yet to see a
> disclaimer from the party that is promoting the purchase of
> same SGC radio.

As far as I'm aware, disclaimers are an entirely optional feature
of an email message, included entirely at the discretion of the
author. Personally, I don't use them. My own style is to point
out any personal bias I might have (assuming I'm even aware of it!),
and not say anything specific about it when I *don't* have any

reason to be biased in my opinion. Over the years, I've decided that I don't really mind ridiculously long .sig's in email (in fact, I just *love* Chris' dinosaur!), for example, but I consider these "...am not affiliated in any way..." statements an utter waste of bandwidth. Now...this doesn't mean I'm down on anyone who uses them! Beyond a doubt, many people have considered many of the things I've had to say an utter waste of bandwidth, too. :) To each his own, and as long as no one gets insulting, I can cheerfully take what I want, and leave the rest.

Anyhow...speaking of wasted bandwidth...before I ramble on any more redundantly, here, let me summarize: I do not expect, nor appreciate (nor despise, for that matter) disclaimers stating non-affiliation. They're totally optional; if it makes you feel better (or if you think you'll have less criticisms, or whatever), go ahead and type it in there. I *would* appreciate it if people would mention affiliations they *do* have, when they are relevant to the post. But folks...let's don't make people feel like they're obligated to do the CYA thing.

73 es 72
--Jim WB5UDE

(Note to Ed: As has recently been pointed out, it's foolish to bite the hand that feeds us. In that spirit, I wish to point out that I'm not here to criticize your observation, but only to offer an opposing point of view. Your frequent posts to QRP-L, rich in information and entertainment, are nothing less than a real part of the charm of QRP-L.)

Date: Wed, 02 Dec 1998 17:56:23 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [26370] Help: Drifting OHR-100
Message-ID: <36657F47.4548@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've lived with the drift for over a year. It is about 300 Hz over a couple of minutes key down at 5 watts.

All toroids are gently coil doped with a fine line of fingernail polish and turns don't move.

Before I really start digging, I thought maybe someone has discovered the culprit.

Particularly obvious is the effect of Direct Sunlight on the Top of the Black case. I've had to cover it with my jacket to keep the sun off of it. We are talking KHz drift here!

Temperature is the culprit. Otherwise it is rock steady until it gets warmed above 100 deg. fahrenheit or so.

otherwise I'll be warming up a few cores, but not so hot as to experience the Mike C. badcore experiments with the HW-8's of yore.

Thanks gang.

-Ed we6w, wishing all the best in Holiday Cheer.

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 02 Dec 1998 13:07:17 -0500
From: nick caruso <nzc@mediaone.net>
To: g4wif@btinternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26371] Re: Where can I buy a pad cutter?
Message-ID: <366581D5.EBECC29@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was toying with this idea, but I hadn't looked into it enough to know if such a device could cut small enough pads.

It seems better than a standard pc board pad cutter, which some people feel cuts pads that are too small for practical work. These wood circle cutters are adjustable right? Time to go bug my woodworking friends for a copy of the Lee Valley catalog...

Thanks for the advice ! 72

nick caruso KB1DEJ

Tony Fishpool wrote:

> Nick & the group,
> I use a modified wood drill. It's the type that has a central point and two
> cutting edges either side, To make it easy to twirl, I ground one of the
> cutting edges off. After drilling a small pilot hole (which the component
> may pass through) you twirl the drill until a pad is formed. It's so quick
> to build up circuits this way. The idea was originated by G4FQQ and
> appeared in Sprat issue 74 - Spring 1993.
>
> Kind regards
> Tony - G4WIF
>
> -----
> > From: nick caruso <nzc@mediaone.net>
> > Subject: Where can I buy a pad cutter?.....

Date: Wed, 2 Dec 1998 12:07:15 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-1@Lehigh.EDU
Subject: [26372] Disclaimers
Message-ID: <199812021811.MAA17515@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

The disclaimers are just another example of useless filler clogging messages. If you're telling the truth I don't care if you work for the company or not.

Just state the message and get on with it. Fortunately, I have a filter that lets me automatically delete the messages with long sig files, silly quotes, disclaimers, and the "if you're not interested in XXX hit delete now" line.

If it's not information, it's noise.

73 Bryan W8LN

Date: Wed, 02 Dec 1998 12:17:07 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-1@lehigh.edu
Subject: [26373] New Restructuring Proposal Filed with FCC

Message-ID: <3.0.5.32.19981202121707.008e82a0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

OK, listen carefully. This is not a thread :-)

This is just info for your enlightenment.

CQ Magazine has filed an additional/alternative license restructuring proposal with the FCC. You are a ham - you should read it. I'm certainly not posting it here - nor am I commenting on it. But, I am a columnist for CQ-VHF and thought the group might want to know.

Here is where you can find the details.

<http://members.aol.com/cqmagazine/98-143.htm>

Please, do not start beating this horse on the list again. Sorry if you don't have access to a browser and the internet and can't actually read it. I'm sure it will be in a CQ shortely on the newstand.

That is all.

Back to our previously scheduled program, already in progress . . .

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Wed, 02 Dec 1998 18:33:14 +0000
From: Ed Loranger <we6w@qsl.net>
To: Jim Glover <psykey@okcforum.org>
Cc: qrp-l@lehigh.edu
Subject: [26374] Re: Disclaimers
Message-ID: <366587EA.396@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Excellent post, Jim.

I understand completely how you feel. I too feel that in general the disclaimers are not needed. Here on QRP-1 there is a "once a month" commercial posting allotment.

What I noticed was there are a lot of SGC owners out there that love their rig for SSB use, and get by OK as a casual CW rig.

Most of these owners also mention they use XYZ rig for contesting, or backpacking when they want such and such etc... CW performance.

Then there have been others that make posts about one thing: How great their SGC is. SGC links from their web page. SGC web page URL's in their signature. SGC project data buried in FTP locations on their private homepage.

And no mention of any disclaimer.

I'm not upset at them, or flaming anyone. Just pointing out that if one presents the appearance of an advertisement, then it is not a post. It is a commercial Ad. These should have a disclaimer stating affiliation or not.

That's all.

I'm sure everyone would quickly tire of my posts if every week I were to post all about how great my OHR-100 is. No data to support it. And then go with links to OHR in my sig and OHR database files and flyers on my webpage. Ohr ohr ohr.....And I got mine 22 months ago and it drives me to work etc....

Then there's this QSL card I got in the mail from a ham I worked who was using a 2020. He didn't buy this card. An obvious company card given out to buyers or maybe to employees? Full close-up of the rig on one side, and fact sheet on the back. Just "73,name" on the back.

Disclaimer: I have no ill feelings to anyone regarding SGC or OHR or whether some people wear white or Black socks when exercising. Just a casual comment that I find it interesting no one else noticed that some posters are batting 1.000 in non-disclaimed commercial posts. Especially regarding SGC posts.

In summary: it is the "appearance" of commercial advertisement that

after multiple posts, formatted to appear as a "Happy Customer" regular Guy/Gal sharing their story -- this appears mis-leading.

We don't mis-lead our friends. Or correct accents and pronunciation in polite conversation. We teach those who wish to learn. Not whipped into submission.

This all just my POV. That and \$3.00 will get you half a cup of coffee somewhere....

OB QRP:

What a nice to to chat radio. Got Hawaii last night after checking my TX offset. He described feeding 100 Watts into a dummy load antenna, a wire hanging out of his window in a multi-story apartment complex. He's up 150 feet and gets out ok.

Worke Florida last night too. Nice 86 yr. old guy staying up late. 2:45 AM His time!

Lovin' it.

Best to all -- Ed WE6W

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 2 Dec 1998 18:36:04 -0000
From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [26375] Sample SPRATs & Application Forms
Message-ID: <000501be1e22\$c3b20de0\$151d989e@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To those to whom I sent
sample SPRATs today

I have just found the pile of application forms
on my desk that I should have added to the envelope!
..... sorry about that

something to do with advancing years... I think

But.....

you can download a form from our webpage [see below]

or

Simply send the following information

NAME

CALL

FULL POSTAL ADDRESS

and \$6.00 to

BILL KELSEY N8ET

3521 SPRING LAKE DR.

FINDLAY

OHIO 45840

asking to join the G QRP Club.

Its not often I get things wrong....

West Bishes

George Dobbs G3RJV

g3rjv@gqrp.demon.co.uk

The G QRP Club

"It is vain to do with more

what can be done with less"

William of Occum. 1290-1350

Date: Wed, 02 Dec 1998 10:56:52 -0800

From: W7LS <w7ls@blarg.net>

To: prvalko@oakland.edu

Cc: qrp-1@lehigh.edu

Subject: [26376] Re: WHINE: WAS: Experience with Balloon as a skyhook?

Message-ID: <36658D74.BC3@blarg.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Good point, but in my experience, I chose a playfield with no power lines anywhere around, at all. Used 22 gauge insulated wire and put a knot in it at the tie point at the tuner. Worst case would be if the balloon popped and fell down. No chance of hitting a power line, as they are much, much further away than my 240 feet of wire.

It can be done safely. It can be done foolishly. Just choose the former and you're fine.

Jim W7LS

Paul R. Valko wrote:

>
> My once-a-year rant on this subject, please indulge me...
>
> On Tue, 1 Dec 1998, Robert Armstrong wrote:
> > Has anyone had experience using a balloon to support an antenna?
>
> Balloon and kite supported antenna are REALLY REALLY foolish ways to get a
> wire in the air.
>
> I admit it's a pet peeve of mine. Others disagree because it's a
> long-shot, or course, many people feel seatbelts are unnecesary because
> accidents are improbable. You can read accounts of some of those folks'
> last moments on earth in the Monday newspapers.
>
> All I imagine is a child seeing a colorful kite or balloon in a high
> tension wire and a convenient WIRE dangling down to help them pull it
> free so that they may play with it.
>
> It oughta raise a hair on your neck, too.
>
> One reason we don't read more of this type of thing happening is because
> MOST of us are taught from childhood NOT to use wire line to fly kites
> (or balloons).
>
> 73! =paul= W8KC (Member - American Kiteflyers Association)
> Collector of Ten*Tecs and other fine plastics
> <<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 30 Nov 1998 13:06:09 -0600
From: "Michael L. Miller, M.D." <millerm@merle.acns.nwu.edu>
To: qrp-l@Lehigh.edu
Cc: millerm@nwu.edu
Subject: [26377] Field Day QRP suggestions
Message-ID: <199812021906.NAA06074@anima.num.s.nwu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am a new ham (licensed 2/98), and I've enjoyed QRP operating outdoors, using an MFJ-9020 (job and other responsibilities preclude time for kit building, at least currently -- but hope to get into kits, etc eventually!) with matching ant tuner, and the St Louis Vertical as modified by Vern Wright. I use a straight key, comfortably at about 17 wpm, but working on my speed, and hope to see it go up soon.

I had a great time this past weekend working qrp in the contest -- it was my very first contest. I've been asked to consider running a qrp station for my radio club's upcoming field day. (if Skip is reading this -- I hope you will join me!!) I want to do this very much.

OK, folks, here are the questions --

-- shall I commence learning how to use a paddle in preparation for FD?
-- should I consider getting an electronic keyer to memorize the exchange?
If so, any specific recommendations? Or do I get a computer program (I have access to a pentium laptop) -- will it hook into the MFJ-9020? If so, which program? Any suggestions for logging programs? TR? Log plus? Others?

I LOVE regular operations with a straight key, and will always do so. However, for Field Day I would be willing to automate the transmitting (and receiving), although I am aware I may be at risk of selling my soul!

-- what other equipment and goodies should I consider getting? e.g., solar panel -- specific make you can suggest?
-- what bands should I (as a relative newbie) consider? I will probably end up borrowing a rig for operations outside of 20M.
-- any suggestions on FD QRP antennas? I'm very happy with the SLV for non-contest use, so should I stick with it for Field Day?
-- what have been some of your experiences with FD QRP? Suggestions overall?

Thanks!

72 es 73 de KG9ML, Mike

Michael L. Miller, MD
millermd@nwu.edu

Date: Wed, 2 Dec 1998 13:06:13 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [26378] Re: Help: Drifting OHR-100
Message-ID: <v01540b00b28b3bd7e5a5@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Temperature is the culprit. Otherwise it is rock steady
>until it gets warmed above 100 deg. fahrenheit or so.
>

It was, if I remember correctly, Roy Gregson that suggested baking the rig for 2 hours in a 120-130 deg oven (F not C!) to solve component drift

problems. Looked through my saved emails but couldn't find the original reference. Anyway, I've actually used this method with no apparent degradation to rig performance, and it did seem to help cure the drift on a particular radio. I would test with a thermometer first, though, to make sure that you got the temp of the oven right, and let the oven temperature stabilize for at least an hour before popping in the rig. Crispy baked OHR100a would not be a welcome sight.

You might also want to ask Dick (of OHR) first about the advisability of doing this treatment.

BTW, my OHR100a drifts during warm-up for 10 min or so (as to be expected), and then is rock solid. Offered just for a point of comparison.

72,
Mike N5JKY
Edmond, OK

Date: Wed, 2 Dec 1998 19:12:05 -0000
From: "Mel Evans" <MelGM6JAG@bccscotland.freeserve.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [26379] Re: Spectrum Analyzer is mine!
Message-ID: <000001be1e28\$480d2a20\$6404883e@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi there Ed,

Good on you mate! as we say here!

Hope you enjoy the Spectrum Analyser. It's not so long ago that even a second user SA would have been out of the question for the ham shack.

Of course some of us can just place an order at work for one, say a Marconi(IRF)2945a with SA and Tracking Generator, and full programmable RF test facilities from 0.5Mhz up to 1.2Ghz. This unit however does require extensive field testing, and for security reasons this will most likely require to be evaluated at weekends.!?

Wish you well with yours anyway, sure you'll find out just how many things you can do with one apart from watch the Spectrum.

Regards

Me1 GM6JAG

Edinburgh Scotland UK
Home of the last (spectrally clean) HW9

Date: Wed, 2 Dec 1998 11:33:13 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [26380] G-QRP Membership Update
Message-ID: <01be1e2a\$9a5e8ce0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George Dobbs posted a message about joining G-QRP and said that the US membership was \$6. George forgot that he needed to do a currency exchange, and the price he quoted was in pounds not US Dollars, and he forgot to include the international postage. The real price is \$14 US as it states in the info below that was copied from the G-QRP Club page.

United States of America - Bill Kelsey - N8ET, 3521 Spring Lake Dr.,
Findlay, OH 45840 U.S.A. \$14 paid in USA. - e-mail kanga@bright.net

I gotta tell you, that Sprat is the model that I look at when I do QRPP. It is an excellent, excellent journal and I advise everyone of you to subscribe.

I am posting this to help Bill and George out, because I know what the problems are when someone sends in the wrong amount for a subscription. George has similar habits to me and works very late at night on QRP matters. The bottom line is get your \$14 out send it to Bill, and treat yourself to a neat Christmas present.

George and I are close friends, and I am a member of G-QRP Club. 72, Doug,
KI6DS

Date: Wed, 02 Dec 1998 12:59:22 -0700
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [26381] Sierra compatible mini RF PA
Message-ID: <36659C1A.9F0C7F94@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks,

Peter Barville, G3XJS, just completed installing a PA module in his Sierra and posted to the G-QRP list about it. Below is some of the info I received ages ago from Peter, DL2FI, on the amp. I'd appreciate feedback on any ordering experiences you may have had in ordering/shipping/etc. to/from Germany.

Also, may we still expect to see an article on the amp in QRPP in the next quarter issue or two??

tnx es 72 - john - n0hj

Peter Zenker DL2FI wrote:

> One way to go is to implement the very new constructed Mini Amplifier of the
> DL-QRP-AG, the German QRP Club. It is a very small 3*5cm PA constructed to
> be screwed on the back plane of a rig. I did this change and feel very happy
> with the solution having 0.1 up to 7 Watt with extreme good spectral purity
> now for my SIERRA.
> A detailed description of the PA will be available in english language soon
> and because the publishers of QRPP and QRP Quarterly asked both for an
> article, I think every interested QRPer will find it in his most beloved
> magazin. For hard boiled homebrewers the layout will be included, only
> problem seem to me the two double whole transformers which use a special
> material and I don't know if this available in US. But there will be a
> complete kit as well.
>
> To not become overloaded, the PA will be not kitted and sold by the
> DL-QRP-AG but by the German Amateur Radio Magazin FUNKAMATEUR. The
> FUNKAMATEUR gang is just designing the english language web page and an USD
> based Ham Shop as well. The price of the kit will be abt 35\$ and the price
> of a ready built PA for those OMs who don't like SMD parts will be abt 45\$.
> They will start selling the kit somewhere in July as I know.

>
> Web address is www.funkamateur.de

Date: Wed, 02 Dec 1998 13:29:49 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26382] Balloon and Kite antenna's
Message-ID: <3665A33C.459E@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP-Ler's!

Having experimented with both, safety is a major concern. Like most things you deal with in life that post a risk, common sense should be used first and foremost.

I remember as a kid, we used to build 6 foot giant kites. Just to bring em back we had to use my friends dad's big commercial power drill! We would take turns holding on to the kite and riding our bikes down the street! Would not do that now, but I'm a big kid now..Just ask my xyl!

Used to fly kites with 1/2 wires for 160 meters. Of course, no power lines involved and my back yard bordered an open field. Usually the wind blew toward the field so work fb.Used to get one of my sons to watch the kite as I operated, and if it was coming down they would warn me...They sure loved doing that...NOT!

So, next time your bugging the xyl and she says," Go fly a kite om", get some #22 and the kite and have fun!!

72, Tom WB5QYT

Date: Wed, 02 Dec 1998 13:32:17 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26383] HTX-100 price?
Message-ID: <3665A3D1.1684@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

QRP-Ler's!

What is the going price for the above rig?

Tnx and 72, Tom WB5QYT

Date: Wed, 02 Dec 1998 13:33:52 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26384] Sprint this Sunday?
Message-ID: <3665A430.6376@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Would some kind soul please send me the scoop on the QRP Sprint this Sunday?

Tnx and 72, Tom WB5QYT " Have spud and bug will travel!"

Date: Wed, 02 Dec 1998 20:47:24 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [26385] OHR-100 Drift/Spectrum Analyzer.
Message-ID: <3665A75C.1B47@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'll share whatever information I get regarding the repair of the OHR-100 and apparently 100A drift problem.

I have visited OHR's web page and am pretty sure Dick or one of their respondents will return my email.

I like the 100 when /P but keep it out of the sun!

Funny, my pixie2 doesn't drift -- Hee-Haw!!! that's a side splitter. <jk, I know it has no vfo...>

many have asked what model spectrum analyzer I now have fully signed papers for.

It is the HP8568B Spectrum Analyzer. 100 Hz to 1.5 GHz.

I also have that 10 Watt RF limiter designed for protecting the front end of this type of equipment. Yup, I can pump 5 watts into that and check out my rigs without the use of couplers and stuff.

Better make sure the limiter doesn't add "features" of its own though...

If I had to, I'd walk the 11 miles home with this thing on my back -- all 100 pounds of it! But got a ride set up today!

What's that you say? Oh, of course, I have the Close field RF probe -- 9 KHz to 30 Mhz, why do you ask? <grin>

I have the worlds best receiver, and I know it. Oh baby.

The real winners are all us QRP-1 members, because now I can contribute even more. Not more posts, more quality posts!

Not for the humor impaired:

HUMOR: It rained and was cold the last 3 days. I was happy to wear my turtleneck shirt on Monday, it was cold. I was also elated to wear my 2nd turtleneck shirt on Tuesday, but it wasn't that cold.

Wednesday: I have no turtlenecks to wear and I am not happy -- it is cold.

Tuesday was a premature shirt elation. And today I'm one shirt short of a full suit.

....Well, the guys at work thought it was funny... What's worse, a guy that tells his homebrew jokes and gets one laugh, or he who laughs at no jokes?

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 2 Dec 1998 14:52:59 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [26386] Re: On NE 602's
Message-ID: <v01540b02b28b584d96d5@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At Wes' request, I am posting this reply to the group for others who might be interested in the answer I got to my question about the NE602 vs. the SA602....

Hi Wes,

The consensus was that the SA602 was a direct drop-in replacement for the NE602. Mainly a different temperature coefficient.

I had the same concern that you had about a source of replacement ICs as well as all of those projects out there that use the NE602.

72,
Mike N5JKY
Edmond, Ok

Date: Wed, 2 Dec 1998 15:04:14 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [26387] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.981202150104.1365A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...we've straightened out a typo from Hunt #15 for WB6JEM/8, a member of the Swords...the change adds to their score...so here's hunt #16 with the new score for the Swords figured in....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club "QRP! How sweet it is!"

....KB9BVN - fox hunt #16...

The 40 mtr Fox Hunt Team Scores

...the Houston Hounds - 11.150 - hounds -> K5ZTY,W5SB,KQ5U,KK5LD
"CLEAN SWEEP" - what a comeback!

...the Underdogs - 10.246 - 3 hungry hounds.

...the Vibro-Fox Finders - 9.800 - 5 hungry hounds.

...the Fox Nabbers - 8.570 - hound -> K0EVZ

...the Kentucky Porch Houndz - 8.500 - 2 lonely hounds.

...the Texas Tarantulas - 7.500 - hounds -> AB5WX,K5LN,N5TW

...the Brass Pounders - 7.000 - hound -> N1FN

...the Northern Lights - 6.325 - hounds -> VE5RC,VE2KN

...the Swords - 4.662 - 3 hounds lookin' for dinner.

...the Team Apathy - 2.664 - 3 more hungry hounds.

...the Jersey Diddles - 1.532 - 6 hungry hounds.

Date: Wed, 2 Dec 1998 15:34:14 -0600
From: k5ubs@juno.com (Oscar A Hoyt)
To: qrp-1@Lehigh.EDU
Subject: [26388] data book by Paul Harden
Message-ID: <19981202.153415.11926.0.k5ubs@juno.com>

Just received my signed copy a couple days ago. "Data Book for Homebrewers and QRPers" offered on the list. Great book, good review for ones like me that were educated on vacuum tubes and the only caps were electrolytic, paper and mica types. Anyone getting into homebrewing or even just maintaining their qrp rigs should have this book. I'm looking for more along this line.
How many shacks look like the front cover and how many look like the back cover????

Oscar K5UBS Ham since 55

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 2 Dec 1998 17:01:21 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <jaevans@codenet.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26389] Re: Sierra compatible mini RF PA
Message-ID: <199812022205.RAA18189@fh106.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I have installed one of the German PA's in my Sierra also. Results appear to be excellent. I have 5 watts (or more) on all bands 160M through 10M. I planned to report to the group, but want to run Spectrum Analyzer and current checks on it first.

It's a slick little module that fits inside a small wooden match box. (If you remember those). It has push pull output and includes a

Transmit/Receive circuit to switch it on and off as the transmitter is keyed. It's not designed especially for the Sierra, but is a general purpose broadband Power Amplifier with 8 watts+ capability.

Mine was used for the first time in the CQ WW DX contest this past weekend. It sure was nice to have a full 5 watts on 10M!

There were two versions, one with a 1.8MHz to 30MHz range and a slightly more expensive version with a 1.8MHz to 50MHz range. The major difference is the final transistors.

I don't believe there are any completed units available. There may be surface mount kits available.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. -- Benny Hill

Date: Wed, 02 Dec 1998 16:32:36 -0600
From: Kathi Hilton <kathi2@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [26390] Disclaim & Ed Loranger
Message-ID: <3.0.32.19981202163203.007a4180@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

Hey Ed! Thanks for visiting my web site!! Maybe we'll get you converted

yet!!! Oh! the server sent me a message and said you made a mess before

you left. Is your RF choke leaking again Ed?? The server said something about rust colored globs..... Looks as if most of it burst on QRP-L again.

Maybe Ed, when your rf leak is fixed and your delirium and nausea clear,

your intelligence will return. Then maybe you'll remember that "if I don't

like what I see, I won't read it" OR just to jog your vapor locked mind

it's called a *filter*, they are a way of life with email. After you

regain your senility Ed, you might try and learn how to use them. But just

think Ed, if you use a filter, you'll miss all the neat SGC stuff that goes

by from time to time. Also, Ed, some of your friends tell me that you are

having <http://www.sgcworld.com> nightmares (how's that for blatant commer-

cialism.. Ed's into that I gather). Maybe when you get your rf leak fixed,

your intelligence will return and then you can try and learn how to use a

filter, gee, maybe the bad dreams will go away too ;-}

I'm not angry with you for leaving that mess on my web site Ed, on the

other hand, my SO had to wear waders and use a large shop vac to pick up

those nasty rust colored blobs you left. Just wait until you get the email

from him (not kidding); I wonder if you are man enough to read it? I'll bet

you're dumb enough to respond to it. 'Course then again, I suppose you're

use to getting flame mail by now (what's wrong with that picture Ed?)

Very Sincerely

Kathi - NOFKA

PS - <bigger><bigger>Visit <http://www.sgcworld.com>

</bigger></bigger>(I do the above to brighten your day Ed)

Visit Kathi's Web Page:

[Http://home.earthlink.net/~kathi2/flower.html](http://home.earthlink.net/~kathi2/flower.html)

Date: Mon, 2 Dec 1996 15:43:04 -0600
From: "Bruce Barley" <lbbarley@feist.com>
To: <qrp-1@lehigh.edu>
Subject: [26391] FS Gherardi - 2 books: Radio Physics and "Modern" Radio Servicing
Message-ID: <199812022244.QAA18920@wichita.fn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The following two books are for sale TOGETHER as a set.

Gherardi's Radio Physics Course: 2nd ed. 972 pp pub.1933 Hard Cover
(9th printing 1942)

Gherardi's Modern Radio Servicing: 1st ed. 1302 pp pub. 1935 Hard Cover

Treat yourself to a little extra this Christmas season. Here are two radio classics for your bookshelf. Both books are in good condition with good binding and appear to have all pages intact. No markings or tears. Covers are in good to great shape. These are two wonderful radio reference books and I am sure you will enjoy them.

\$ 55.00 + \$ 5.00 s/h in North America

Bruce Barley KB0PZD qrp-1 # 69
lbbarley@feist.com

Date: Wed, 2 Dec 1998 22:40:09 -0000

From: "Tony Fishpool" <g4wif@btinternet.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [26392] Re: Sample SPRATs & Application Forms
Message-ID: <E0z1L8S-0003rB-00@carbon>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George Dobbs said:-

> I have just found the pile of application forms
> on my desk that I should have added to the envelope!
> sorry about that
> something to do with advancing years... I think
>
> But.....
> you can download a form from our webpage [see below]
..... and then he forgot the web link, so for those that need to know,
it's to be found at:-
<http://www.btinternet.com/~g4wif/gqrp.htm>

then he said:-

> Its not often I get things wrong....
and that's the truth.

Kind regards
Tony - G4WIF

Date: Wed, 2 Dec 1998 17:48:23 -0500 (EST)
From: mulveyr@mulveyr.roc.servtech.com
To: qrp-1@lehigh.edu
Subject: [26393] Re: data book by Paul Harden
Message-ID: <m0z1L4J-000DFZC@11.aa2ys.ampr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Just received my signed copy a couple days ago. "Data Book for
> Homebrewers and QRPers" offered on the list. Great book, good review for
> ones like me that were educated on vacuum tubes and the only caps were
> electrolytic, paper and mica types. Anyone getting into homebrewing or
> even just maintaining their qrp rigs should have this book. I'm looking
> for more along this line.

> How many shacks look like the front cover and how many look like the back
> cover????

My shack is *definatly* like the back cover, with the exception of
the bullet holes, and the addition of lots of cat hair. (Just an FYI:
Singed cat hair smells *REALLY* bad, and makes for an unhappy cat...)

- Rich

Date: Wed, 2 Dec 1998 15:51:01 -0800 (PST)
From: Jim Knopf <ki7q@yahoo.com>
To: QRP-L Maillist <qrp-l@Lehigh.EDU>
Subject: [26394] Trade WM-75 for NC-40A
Message-ID: <19981202235101.20887.rocketmail@send102.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a Small Wonder Labs WM-75 QRP SSB transceiver, with enclosere
and audio/counter, and speaker microphone. Very new and works well.

Would like to trade for a Norcal 40A.

If you're interested, please contact me.

==

Jim, KI7Q QRP-L#1689 Grid#CN87xp
<http://www.halcyon.com/knopf/jim>

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 2 Dec 1998 15:58:36 -0800 (PST)
From: Jim NOUR <n0ur@yahoo.com>

To: QRP-L QRP-L <qrp-l@Lehigh.EDU>
Subject: [26395] FOX:Strange condx. N0UR
Message-ID: <19981202235836.6776.rocketmail@send203.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am not sure if it was me but 40 meters was very strange last night. I thought the band was in pretty good shape when I first turned on the rig, but things changed fast. I had trouble getting any type of rhythm going, station would fade in and out very fast, as soon as I got rolling I would have to ask for a fill.

I think people are afraid to send their call more than once. I would catch just part of a call, ask for a repeat (K5 ?? or vmo??) and nobody would respond, are we afraid of getting blasted on the reflector for sending you call more than once?? Don't go to the other extreme and send your call over and over, but I say get more aggressive and get you call in there, I felt I spent alot of time spinning my wheels.

I will get my log out soon, I was struggling with some old crummy software. Thanks to everyone for hanging in there, I hope I didn't miss to many of you. Good bunch of op's, just a little too polite.

72's

Jim, N0UR

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

End of QRP-L Digest 1294

